

Title (en)

RECOVERY OF DEEPLY DISCHARGED IMPLANTABLE BATTERY

Title (de)

RÜCKGEWINNUNG EINER TIEFENTLADENEN IMPLANTIERBAREN BATTERIE

Title (fr)

RÉCUPÉRATION D'UNE BATTERIE IMPLANTABLE COMPLÈTEMENT DÉCHARGÉE

Publication

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Application

EP 20912431 A 20201207

Priority

- US 202062958138 P 20200107
- IB 2020061598 W 20201207

Abstract (en)

[origin: WO2021140378A1] An apparatus includes at least one housing configured to be implanted on or within a recipient's body. The apparatus further includes first circuitry configured to wirelessly receive power from a device external to the recipient's body, second circuitry configured to provide stimulation signals to a portion of the recipient's body, and at least one power storage device having a discharged state in which the at least one power storage device is discharged to a voltage below a minimum operating voltage of the at least one power storage device. The apparatus further includes third circuitry configured to, while the at least one power storage device is in the discharged state, controllably distribute the power simultaneously to both the second circuitry and the at least one power storage device.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [X1] US 8195304 B2 20120605 - STROTHER ROBERT B [US], et al
- [X1] US 2019366103 A1 20191205 - ROEHRLEIN GERHARD [CH], et al
- [X1] WO 9808567 A1 19980305 - PACESETTER AB [SE], et al
- See references of WO 2021140378A1

Designated contracting state (EPC)

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IB 2020061598 W 20201207; EP 20912431 A 20201207; US 202017757733 A 20201207